



1005950-000943 [T-6264]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Freitas, Christopher J., et al.	)	Group Art Unit: 2128
Application No.: 10/782,634	)	Examiner: SILVER, DAVID
Filed: February 18, 2004	)	Confirmation No.: 5168
For: N-PHASE INTERFACE TRACKING	)	
METHOD UTILIZING UNIQUE	)	
ENUMERATION OF MICROGRID	)	
CELLS	)	

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In complete response to the Office Action dated October 6, 2006, Applicants submit the following response.

**Amendments to the Specification** begins on page 2 of this Response.

**Amendments to the Claims** begins on page 3 of this Response.

**Remarks** begin on page 5 of this Response.